

IN THE CLAIMSAmendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-speed pattern storing method, which is to tabulate and store pattern data constituting rules, the method comprising:
 - (a) dividing a whole sentence of the pattern data into a plurality of divided parts having a defined length; and
generating a table for each divided part,
wherein said generating the table comprises:
assigning
~~— (b) extracting position sequence information of a corresponding which is the subsequent position information of each divided part in the whole sentence to a first field;~~
~~of the pattern data; and~~
~~(c) assigning a characteristic packet ID of the corresponding divided part to a second field; and~~
~~assigning the characteristic packet ID of a divided part located prior to the corresponding divided part to a third field when the corresponding divided part is not an initial divided part among the plurality of divided parts,~~
~~which has the position information of the next divided part in the whole sentence of the pattern data to each divided part of the pattern data, and tabulating and storing a plurality of divided parts and the position sequence information in a table; and~~
~~(d) using the pattern data stored in the table as a look up device for a specific pattern in a database.~~

2. (Cancelled)

3. (Currently Amended) The high-speed pattern storing method as claimed in claim 1, wherein the pattern data includes space information which represents that other words or characters ~~can be~~ are interposed between the two words using the meta characters.

4-11 (Cancelled)